Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTADEG1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 18	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 4	DEC 18	CA/CAplus patent kind codes updated
NEWS 5	DEC 18	MARPAT to CA/CAplus accession number crossover limit increased to 50,000
NEWS 6	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS 7	DEC 27	CA/CAplus enhanced with more pre-1907 records
NEWS 8	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 9	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 10	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 11	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 12	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 13	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 14	JAN 29	PHAR reloaded with new search and display fields
NEWS 15	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
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NEWS 22	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
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NEWS 26	MAR 20	MARPAT now updated daily
NEWS 27	MAR 22	LWPI reloaded

NEWS EXPRESS	NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

```
* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:09:42 ON 26 MAR 2007

=> file registry
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:09:58 ON 26 MAR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   25 MAR 2007  HIGHEST RN 928121-90-8
DICTIONARY FILE UPDATES:  25 MAR 2007  HIGHEST RN 928121-90-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10-564829 gen.str
```
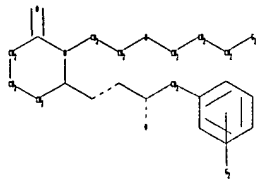
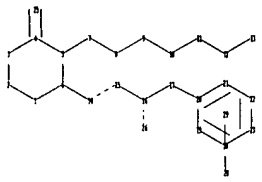





chain nodes :
7 8 9 10 11 12 13 14 15 16 17 25 26 28
ring nodes :
1 2 3 4 5 6 18 19 20 21 22 23
chain bonds :
4-25 5-7 6-14 7-8 8-9 9-10 10-11 11-12 12-13 14-15 15-16 16-17 16-26
17-20
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 18-19 18-23 19-20 20-21 21-22 22-23
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-25 5-6 12-13 14-15 16-26
exact bonds :
5-7 6-14 7-8 8-9 9-10 10-11 11-12 15-16 16-17 17-20
normalized bonds :
18-19 18-23 19-20 20-21 21-22 22-23

G1:C,S,P

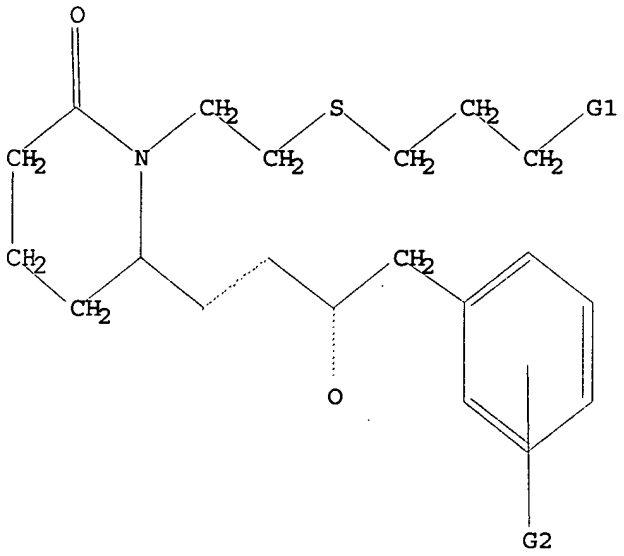
G2:C,O,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 25:CLASS 26:CLASS 28:CLASS 29:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS

L1 STR



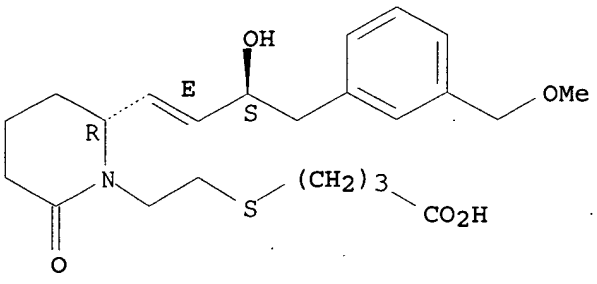
G1 C,S,P

G2 C,O,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 15:11:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       26 TO ITERATE

100.0% PROCESSED       26 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          215 TO      825
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> d scan
L2 HAS NO ANSWERS


=> s l1 sss full
FULL SEARCH INITIATED 15:11:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      327 TO ITERATE

100.0% PROCESSED      327 ITERATIONS                                1 ANSWERS
SEARCH TIME: 00.00.02

L3            1 SEA SSS FUL L1

=> d scan

L3   1 ANSWERS   REGISTRY  COPYRIGHT 2007 ACS on STN
IN   Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-
     (methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI)
MF   C23 H33 N O5 S

Absolute stereochemistry.
```

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d l3 full ibib hitstr
'FULL' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'IBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)

OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

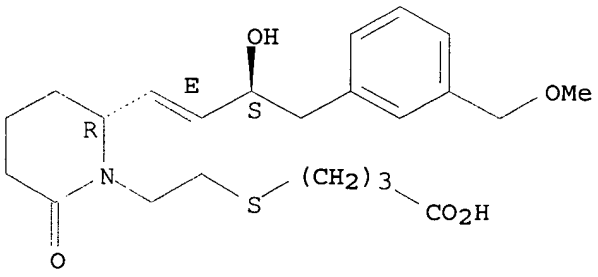
For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> d l3 1 IDE

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 724705-74-2 REGISTRY
ED Entered STN: 10 Aug 2004
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-(methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C23 H33 N O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	179.00	179.21

FILE 'CAPLUS' ENTERED AT 15:17:18 ON 26 MAR 2007

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FILE COVERS 1907 - 26 Mar 2007 VOL 146 ISS 14
FILE LAST UPDATED: 25 Mar 2007 (20070325/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

=> d history

(FILE 'HOME' ENTERED AT 15:09:42 ON 26 MAR 2007)

FILE 'REGISTRY' ENTERED AT 15:09:58 ON 26 MAR 2007
L1 STRUCTURE UPLOADED
L2 0 S L1 SSS SAM
L3 1 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:17:18 ON 26 MAR 2007

=> s l3
L4 2 L3

=> d l3 all ibib abs hitstr
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

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EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

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CAN -- CA Accession Number

CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
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IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

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OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

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ENTER DISPLAY FORMAT (IDE):end

=> file caplus
COST IN U.S. DOLLARS   SINCE FILE ENTRY   TOTAL SESSION
FULL ESTIMATED COST   0.47   181.54

FILE 'CAPLUS' ENTERED AT 15:19:35 ON 26 MAR 2007
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 26 Mar 2007 VOL 146 ISS 14
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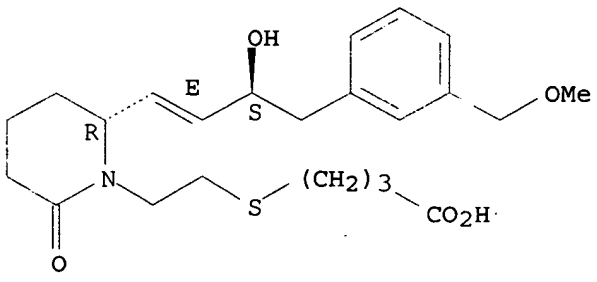
=> d history

     (FILE 'HOME' ENTERED AT 15:09:42 ON 26 MAR 2007)

     FILE 'REGISTRY' ENTERED AT 15:09:58 ON 26 MAR 2007
L1   STRUCTURE UPLOADED
L2   0 S L1 SSS SAM

```
L3            1 S L1 SSS FULL

     FILE 'CAPLUS' ENTERED AT 15:17:18 ON 26 MAR 2007
L4            2 S L3

     FILE 'REGISTRY' ENTERED AT 15:19:21 ON 26 MAR 2007

     FILE 'CAPLUS' ENTERED AT 15:19:26 ON 26 MAR 2007

     FILE 'CAPLUS' ENTERED AT 15:19:35 ON 26 MAR 2007

=> d l3 1-2 ibib abs hitst
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n


=> d l4 1-2 ibib hitstr

L4   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2005:378879  CAPLUS
DOCUMENT NUMBER:          143:59790
TITLE:                    Lactams as prostanoid receptor ligands. Part 4:
                          2-Piperidones as selective EP4 receptor agonists
AUTHOR(S):                Elworthy, Todd R.; Brill, Emma R.; Caires, Christopher
                          C.; Kim, Woongki; Lach, Leang K.; Tracy, Jahari
                          Laurant; Chiou, San-San
CORPORATE SOURCE:         Roche Palo Alto, Department of Medicinal Chemistry,
                          Palo Alto, CA, 94304-1397, USA
SOURCE:                   Bioorganic & Medicinal Chemistry Letters (2005),
                          15(10), 2523-2526
                          CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER:                Elsevier B.V.
DOCUMENT TYPE:            Journal
LANGUAGE:                 English
OTHER SOURCE(S):          CASREACT 143:59790
IT   724705-74-2P
     RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL
     (Biological study); PREP (Preparation)
        (stereoselective preparation and EP4 receptor binding affinity of
        piperidones starting from aminoadipic acid using resolution as the key
        step)
RN   724705-74-2  CAPLUS
CN   Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-
     (methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI)
     (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.
```




```
REFERENCE COUNT:          16    THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4   ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2004:589253  CAPLUS
```

DOCUMENT NUMBER: 141:123513
TITLE: 2-piperidone derivatives as prostaglandin agonists
INVENTOR(S): Elworthy, Todd Richard
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004142969	A1	20040722	US 2004-754117	20040108
AU 2004203905	A1	20040729	AU 2004-203905	20040102
CA 2511255	A1	20040729	CA 2004-2511255	20040102
WO 2004063158	A1	20040729	WO 2004-EP8	20040102
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				
EP 1585729	A1	20051019	EP 2004-700041	20040102
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004006717	A	20051220	BR 2004-6717	20040102
CN 1735597	A	20060215	CN 2004-80002071	20040102
JP 2006515015	T	20060518	JP 2005-518636	20040102

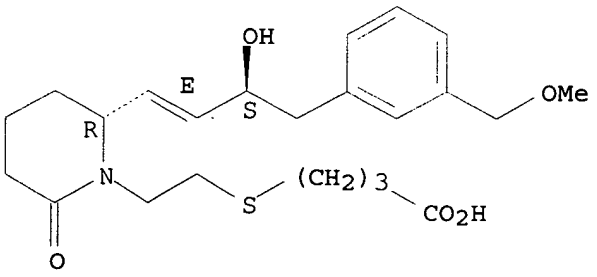
PRIORITY APPLN. INFO.: US 2003-439152P P 20030110
WO 2004-EP8 W 20040102

OTHER SOURCE(S): MARPAT 141:123513

IT 724705-74-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-piperidone derivs. as selective prostaglandin EP4 agonists for the treatment of associated diseases)

RN 724705-74-2 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-(methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



=> logoff hold
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.35	194.89

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:27:11 ON 26 MAR 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTADEG1625

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS 27	MAR 22	LWPI reloaded

NEWS EXPRESS	NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

```
* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:22:38 ON 27 MAR 2007

=>  registry
REGISTRY IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:23:17 ON 27 MAR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   26 MAR 2007  HIGHEST RN 928196-39-8
DICTIONARY FILE UPDATES:  26 MAR 2007  HIGHEST RN 928196-39-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
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on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10-564829 genA.str
```
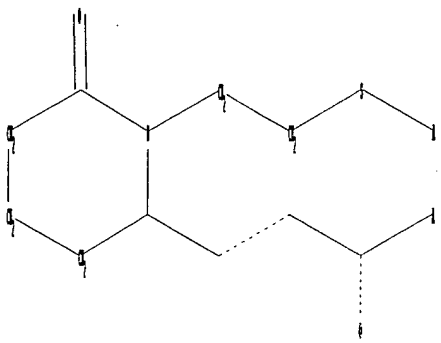
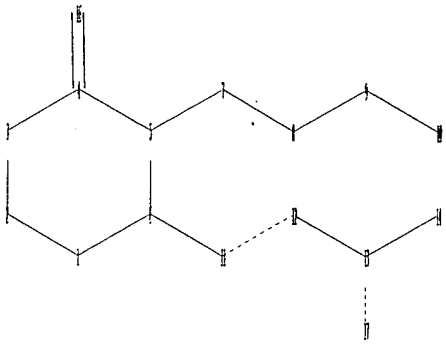





chain nodes :
7 8 9 10 11 12 13 14 16 17
ring nodes :
1 2 3 4 5 6
chain bonds :
4-16 5-7 6-11 7-8 8-9 9-10 11-12 12-13 13-14 13-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 4-16 5-6 9-10 11-12 13-14 13-17
exact bonds :
5-7 6-11 7-8 8-9 12-13

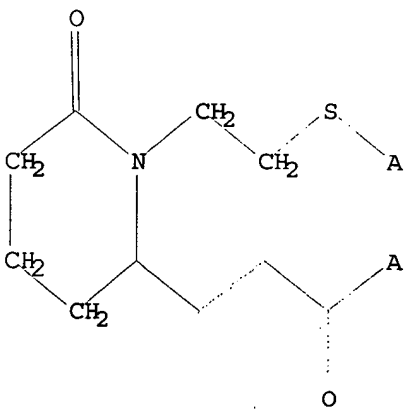
G1:C,S,P

G2:C,O,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 16:CLASS 17:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,S,P

G2 C,O,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 15:24:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 49 TO ITERATE

100.0% PROCESSED 49 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

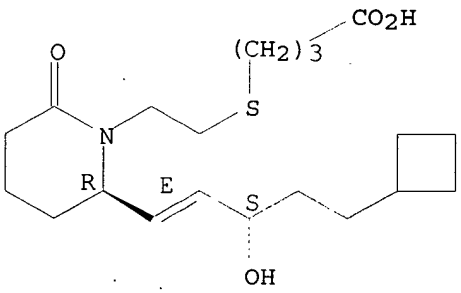
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 560 TO 1400
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclobutyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI)
MF C20 H33 N O4 S

Absolute stereochemistry.
Double bond geometry as shown.

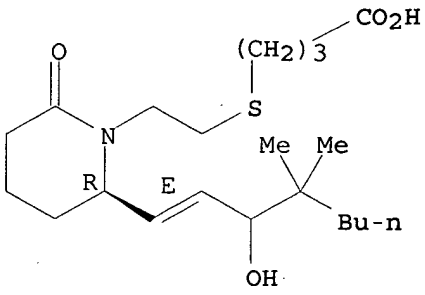


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 2 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4,4-dimethyl-1-octenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI)
MF C21 H37 N O4 S

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss full
FULL SEARCH INITIATED 15:25:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 771 TO ITERATE

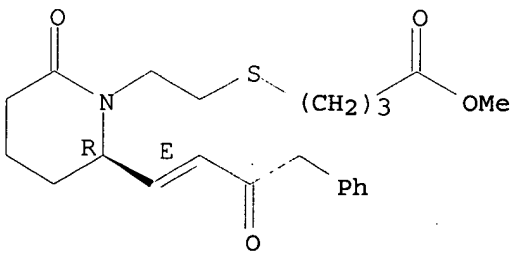
100.0% PROCESSED 771 ITERATIONS 12 ANSWERS
SEARCH TIME: 00.00.01

L3 12 SEA SSS FUL L1

=> d l3

L3 ANSWER 1 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871578-35-7 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(6R)-2-oxo-6-[(1E)-3-oxo-4-phenyl-1-butenyl]-1-piperidinyl]ethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C22 H29 N O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

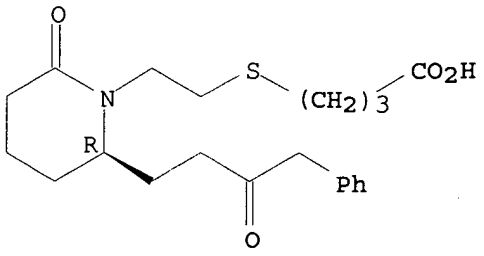
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l3 2-12

L3 ANSWER 2 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN

RN 871578-30-2 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(6R)-2-oxo-6-(3-oxo-4-phenylbutyl)-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H29 N O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

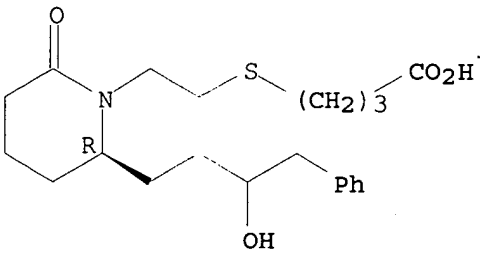


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871578-29-9 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(2R)-2-(3-hydroxy-4-phenylbutyl)-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H31 N O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



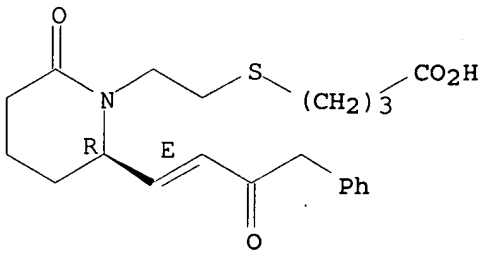
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871578-28-8 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(6R)-2-oxo-6-[(1E)-3-oxo-4-phenyl-1-butenyl]-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H27 N O4 S
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.

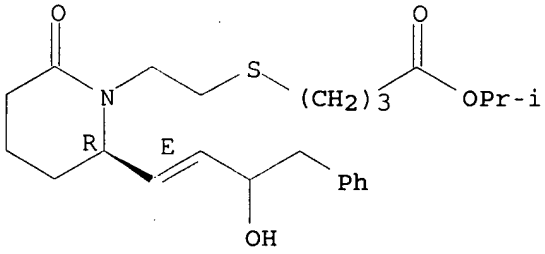


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871578-27-7 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4-phenyl-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]-, 1-methylethyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C24 H35 N O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.

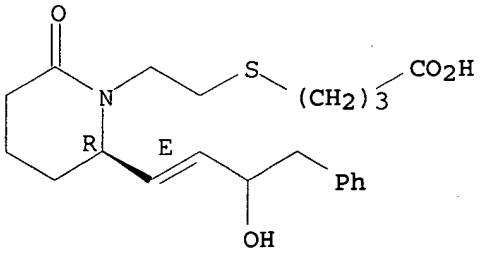


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 6 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871578-26-6 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4-phenyl-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H29 N O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.

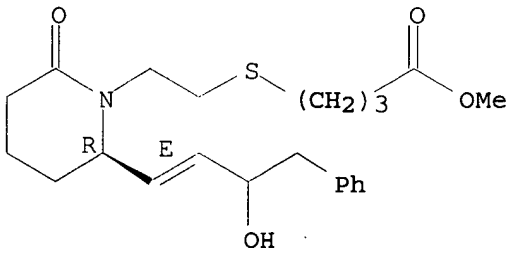


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 7 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 871578-25-5 REGISTRY
ED Entered STN: 10 Jan 2006
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4-phenyl-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C22 H31 N O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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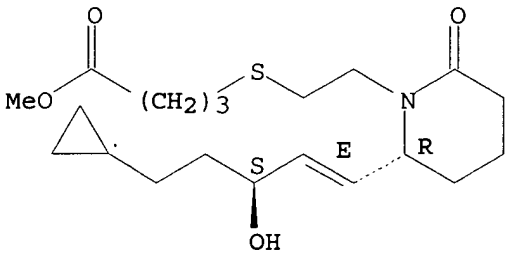
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 8 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 724705-99-1 REGISTRY
ED Entered STN: 10 Aug 2004
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclopropyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H33 N O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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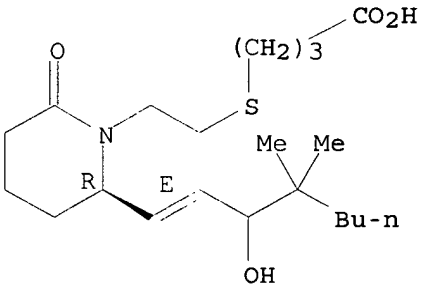
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 9 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 724705-80-0 REGISTRY
ED Entered STN: 10 Aug 2004
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4,4-dimethyl-1-octenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H37 N O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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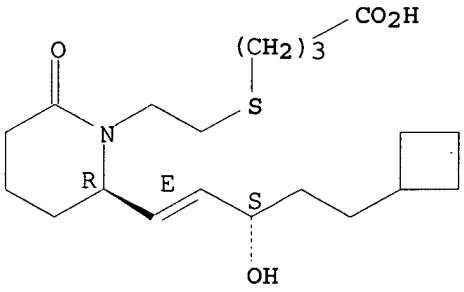
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 724705-78-6 REGISTRY
ED Entered STN: 10 Aug 2004
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclobutyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H33 N O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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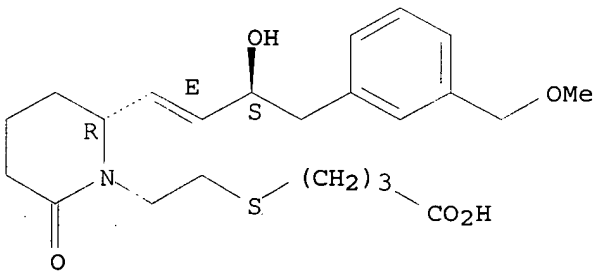
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 11 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 724705-74-2 REGISTRY
ED Entered STN: 10 Aug 2004
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-(methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C23 H33 N O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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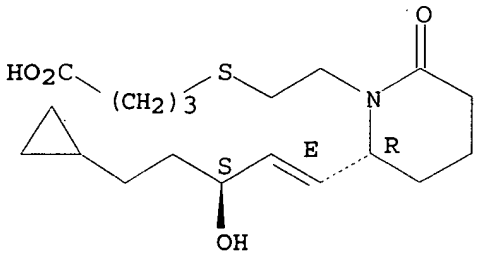
L3 ANSWER 12 OF 12 REGISTRY COPYRIGHT 2007 ACS on STN
RN 724705-66-2 REGISTRY
ED Entered STN: 10 Aug 2004
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclopropyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H31 N O4 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	199.10	199.31

FILE 'CAPLUS' ENTERED AT 15:28:56 ON 27 MAR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 27 Mar 2007 VOL 146 ISS 14
FILE LAST UPDATED: 26 Mar 2007 (20070326/ED)

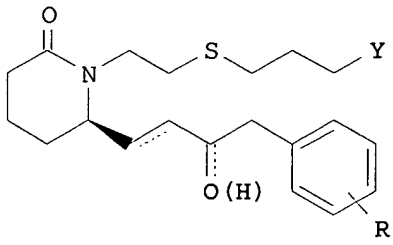
Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> s l3 full
L4 3 L3

=> d l4 abs ibib hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
GI



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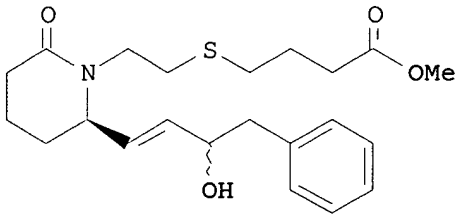


II

AB 5-Thiopiperidinyl prostaglandin E analogs I [Y = CO2H, CONH2, CONHMe, CONMe2, CONHEt, CON(OMe)Me, CON(CH2CH2OH)2, CONH(CH2CH2OH), CH2OH, P(:O)(OH)2, CONHSO2Me, SO2NH2, SOI2NMe2, SO2NNHMe, CONH-cyclopropyl, 2H-tetrazol-5-yl; R = C1-4-alkyl, C1-4-alkoxy, halogen, CO2H, OH, CHO, COMe, COCF3, NO2, CN, CF3; dashed line = optional double bond] or a pharmaceutically acceptable salt or a prodrug thereof is disclosed herein. Thus, prostaglandin E thiopiperidinyl analog II was prepared from di-Et (R)-2-aminohexanedioate via N-alkylation with Cl(CH2)2S(CH2)3CO2Me, intramol. cyclization/amidation, regioselective reduction with LiBH4, oxidation and Horner-Emmons reaction with PhCH2COCH2P(:O)(OMe)2 and chemoselective reduction with NaBH4. A compound II having an ω chain as shown or a derivative thereof, or a pharmaceutically acceptable salt or a prodrug thereof, is disclosed. Methods of treating certain eye conditions or diseases, and compns. and medicaments related thereto are also contemplated.

ACCESSION NUMBER: 2005:1329640 CAPLUS
DOCUMENT NUMBER: 144:69658
TITLE: Methods of preparing 5-thiopiperidinyl prostaglandin E analogs and of treating certain eye conditions or diseases
INVENTOR(S): Old, David W.; Dinh, Danny T.
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005121086	A2	20051222	WO 2005-US17167	20050516
WO 2005121086	A3	20060427		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,

EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2005252171	A1	20051222	AU 2005-252171	20050516
CA 2569464	A1	20051222	CA 2005-2569464	20050516
EP 1761495	A2	20070314	EP 2005-749871	20050516
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 2006281713	A1	20061214	US 2006-564829	20060113
PRIORITY APPLN. INFO.:			US 2004-577361P	P 20040604
			WO 2005-US17167	W 20050516

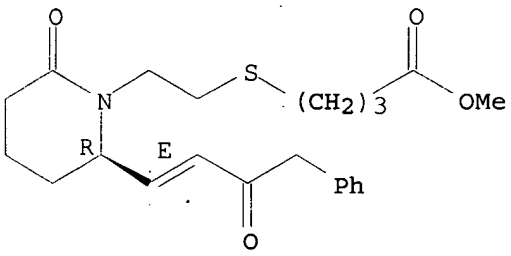
OTHER SOURCE(S): CASREACT 144:69658; MARPAT 144:69658

IT 871578-35-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and borohydride reduction of; preparation of 5-thiopiperidinyl prostaglandin E analogs and of treating eye conditions)

RN 871578-35-7 CAPLUS

CN Butanoic acid, 4-[[2-[(6R)-2-oxo-6-[(1E)-3-oxo-4-phenyl-1-butenyl]-1-piperidinyl]ethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

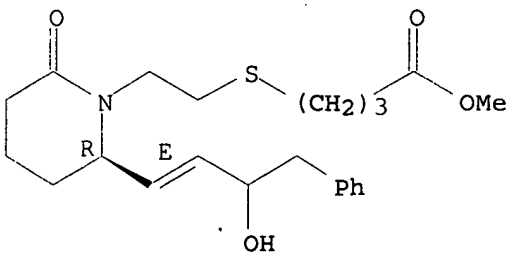


IT 871578-25-5P
RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation and enzymic hydrolysis of; preparation of 5-thiopiperidinyl prostaglandin E analogs and of treating eye conditions)

RN 871578-25-5 CAPLUS

CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4-phenyl-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

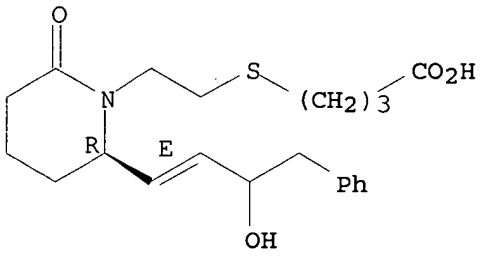
Absolute stereochemistry.
Double bond geometry as shown.



IT 871578-26-6P
RL: BPN (Biosynthetic preparation); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5-thiopiperidinyl prostaglandin E analogs and of treating eye conditions)

RN 871578-26-6 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4-phenyl-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

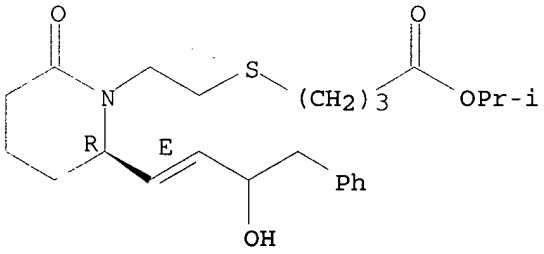
Absolute stereochemistry.
Double bond geometry as shown.



IT 871578-27-7P 871578-28-8P 871578-29-9P
871578-30-2P
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 5-thiopiperidinyl prostaglandin E analogs and of treating eye conditions)

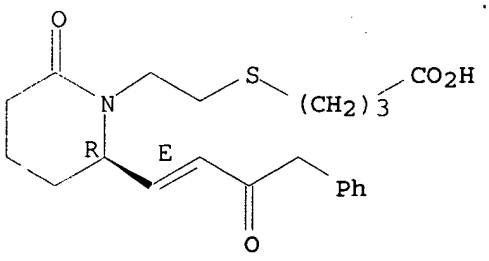
RN 871578-27-7 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4-phenyl-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



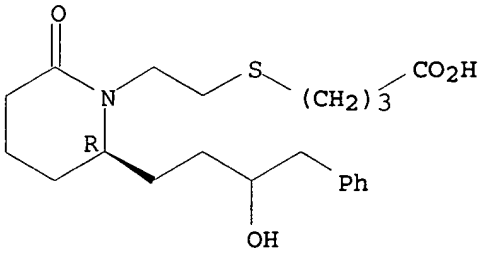
RN 871578-28-8 CAPLUS
CN Butanoic acid, 4-[[2-[(6R)-2-oxo-6-[(1E)-3-oxo-4-phenyl-1-butenyl]-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



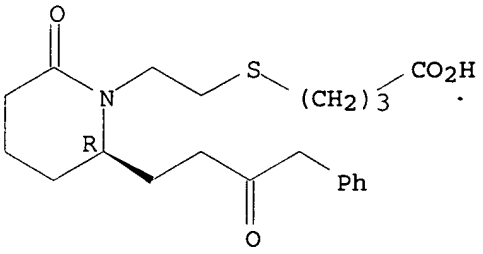
RN 871578-29-9 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-(3-hydroxy-4-phenylbutyl)-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 871578-30-2 CAPLUS
CN Butanoic acid, 4-[[2-[(6R)-2-oxo-6-(3-oxo-4-phenylbutyl)-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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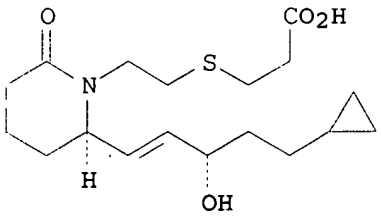
L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
GI



I

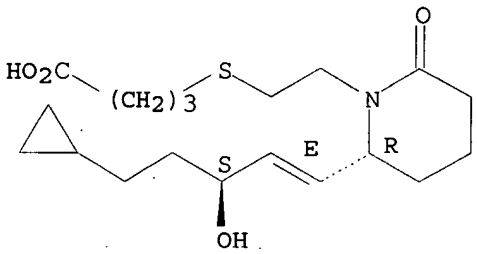
AB 2-Piperidones, e.g., I, were prepared bearing heptanoic acid or a thioether heptanoic acid at the 1-position as well as appropriately substituted at the 6-position to mimic the structure of prostaglandins. The stereochem. purity at the 6-position was determined to be ≥95% ee for an advanced synthetic intermediate. The 2-piperidones were identified as potent agonists at the EP4 prostanoid receptor. They displayed a high affinity (Ki 5-130 nM) at EP4 and subtype selectivity.

ACCESSION NUMBER: 2005:378879 CAPLUS
DOCUMENT NUMBER: 143:59790
TITLE: Lactams as prostanoid receptor ligands. Part 4: 2-Piperidones as selective EP4 receptor agonists
AUTHOR(S): Elworthy, Todd R.; Brill, Emma R.; Caires, Christopher C.; Kim, Woongki; Lach, Leang K.; Tracy, Jahari Laurant; Chiou, San-San
CORPORATE SOURCE: Roche Palo Alto, Department of Medicinal Chemistry, Palo Alto, CA, 94304-1397, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2005),

15(10), 2523-2526
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 143:59790
IT 724705-66-2P 724705-74-2P 724705-78-6P
724705-80-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(stereoselective preparation and EP4 receptor binding affinity of piperidones starting from aminoadipic acid using resolution as the key step)

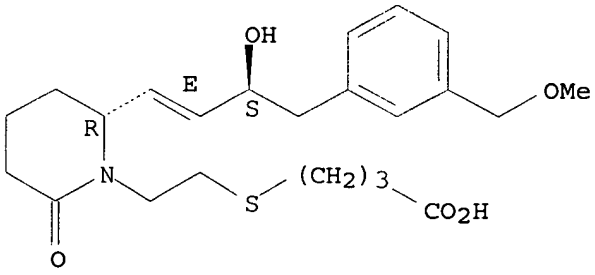
RN 724705-66-2 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclopropyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



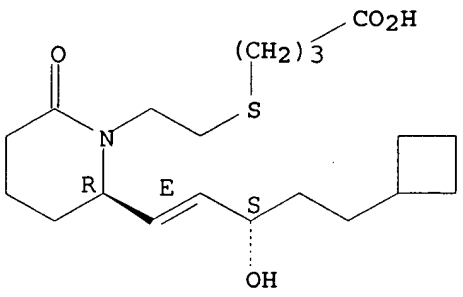
RN 724705-74-2 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-(methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



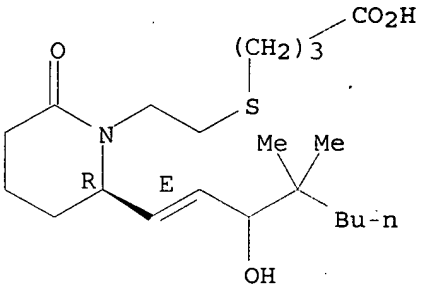
RN 724705-78-6 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclobutyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



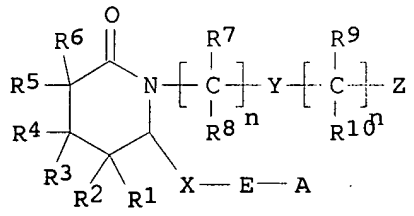
RN 724705-80-0 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4,4-dimethyl-1-octenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

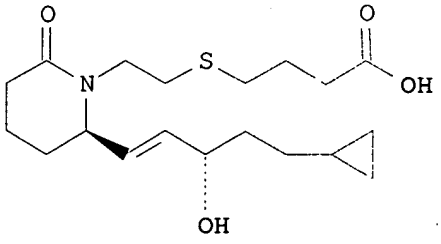


REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
GI



I



II

AB 2-Piperidone derivs. I (n = 0-4; A = alkyl, aryl, heteroaryl, arylalkyl, arylcycloalkyl, cycloalkylalkyl, aryloxyalkyl; E = CHOH, or C(O); Y = CH2, CH:CH, arylene, heteroarylene, O, S(O)p (p = 0-2), NRa (Ra = H, alkyl); Z = CH2OH, CHO, tetrazole-5-yl, COORb (Rb = H, alkyl); R1, R2, R3, R4, R5,

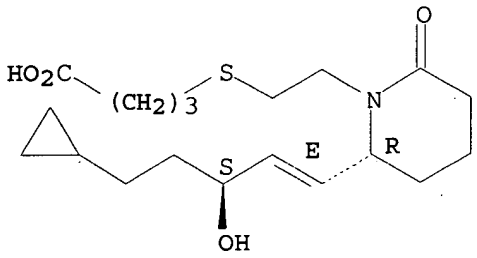
R6, R7, R8, R9, R10 = H, alkyl) and pharmaceutically acceptable salts, solvates, prodrugs, single isomers or racemic or non-racemic mixture of isomers thereof were prepared as selective prostaglandin EP4 agonists for the treatment of associated diseases. Thus, 6R-(1-ethoxy-ethoxymethyl)piperidin-2-one was treated with NaH,a nd 2-bromoethanol triisopropylsilyl ether, followed by pyridinium p-toluene sulfonic acid to give the alc. The alc. was oxidized to the aldehyde using Swern conditions, and treatment of the aldehyde with (4-cyclopropyl-2-oxobutyl)phosphonic acid di-Me ester gave the alkene. Reduction of the ketone using (R)-2-methyl-CBS-oxazaborolidine followed by deprotection of the silylether gave the primary alc. Treatment of the alc. with γ-thiobutyrolactone gave the Me ester which was treated with NaOH to give the desired II. The invention also provides methods for preparing, compns. comprising, and methods for using compds. of formula I.

ACCESSION NUMBER: 2004:589253 CAPLUS
DOCUMENT NUMBER: 141:123513
TITLE: 2-piperidone derivatives as prostaglandin agonists
INVENTOR(S): Elworthy, Todd Richard
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2004142969	A1	20040722	US 2004-754117		20040108
AU 2004203905	A1	20040729	AU 2004-203905		20040102
CA 2511255	A1	20040729	CA 2004-2511255		20040102
WO 2004063158	A1	20040729	WO 2004-EP8		20040102
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ					
EP 1585729	A1	20051019	EP 2004-700041		20040102
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
BR 2004006717	A	20051220	BR 2004-6717		20040102
CN 1735597	A	20060215	CN 2004-80002071		20040102
JP 2006515015	T	20060518	JP 2005-518636		20040102
PRIORITY APPLN. INFO.:			US 2003-439152P	P	20030110
			WO 2004-EP8	W	20040102

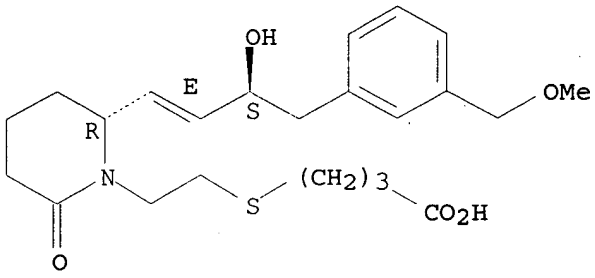
OTHER SOURCE(S): MARPAT 141:123513
IT 724705-66-2P 724705-74-2P 724705-78-6P
724705-80-0P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 2-piperidone derivs. as selective prostaglandin EP4 agonists for the treatment of associated diseases)
RN 724705-66-2 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclopropyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



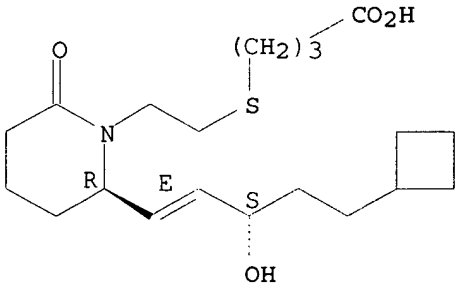
RN 724705-74-2 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-3-hydroxy-4-[3-(methoxymethyl)phenyl]-1-butenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



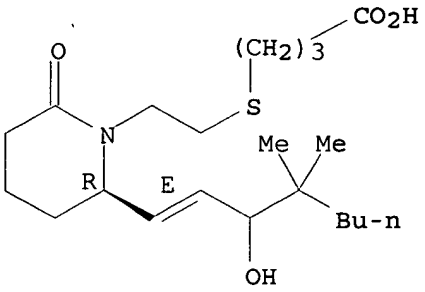
RN 724705-78-6 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclobutyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



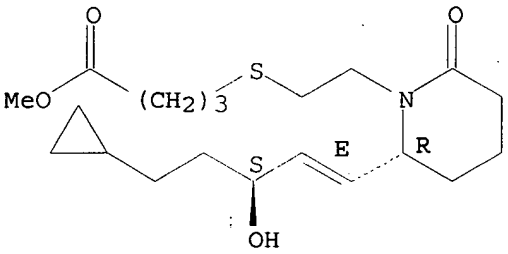
RN 724705-80-0 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E)-3-hydroxy-4,4-dimethyl-1-octenyl]-6-oxo-1-piperidinyl]ethyl]thio]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



IT 724705-99-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 2-piperidone derivs. as selective prostaglandin EP4 agonists for the treatment of associated diseases)
RN 724705-99-1 CAPLUS
CN Butanoic acid, 4-[[2-[(2R)-2-[(1E,3S)-5-cyclopropyl-3-hydroxy-1-pentenyl]-6-oxo-1-piperidinyl]ethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.57	218.88

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.34	-2.34

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 15:33:46 ON 27 MAR 2007